(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property **Organization**

International Bureau



(43) International Publication Date 7 April 2005 (07.04.2005)

(10) International Publication Number WO 2005/030169 A1

- (51) International Patent Classification7: A61K 9/107, 9/127, 7/00, 45/00, 38/00, C07K 3/00, 5/00, 7/00
- (21) International Application Number:

PCT/CA2004/001792

- (22) International Filing Date: 4 October 2004 (04.10.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/507,505

2 October 2003 (02.10.2003)

- (71) Applicant (for all designated States except US): SEM-BIOSYS GENETICS INC.? [CA/CA]; Bay #110, 2985-23rd Avenue N.E., Calgary, Alberta T1Y 7L3 (CA).
- (72) Inventors; and
- Inventors/Applicants (for US only): MURRAY, Elizabeth, Wanda? [CA/CA]; 1208 Kingston St. N.W., Calgary, Alberta T2N 3X7 (CA). BOOTHE, Joseph? [CA/CA]; #302, 332 6th Avenue N.W., Calgary, Alberta T2E 0L9 (CA). MARKLEY, Nancy-Ann? [CA/CA]; 721-27 Avenue, N.W., Calgary, Alberta T2M 2J4 (CA).
- (74) Agent: BERESKIN & PARR?; 40 King Street West, Suite 4000, Toronto, Ontario M5H 3Y2 (CA).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.